

T. J. MacDONALD.
HAT FLANGING MACHINE.
APPLICATION FILED APR. 3, 1912.

1,049,885.

Patented Jan. 7, 1913.

Fig. 1.

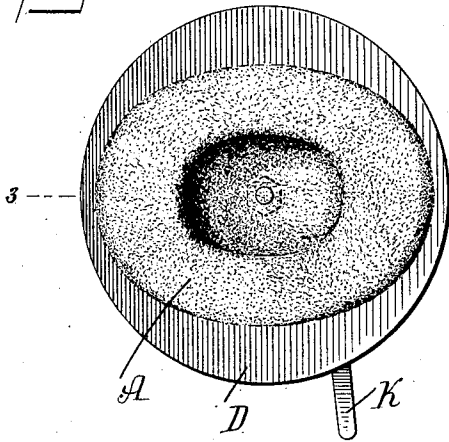


Fig. 2.

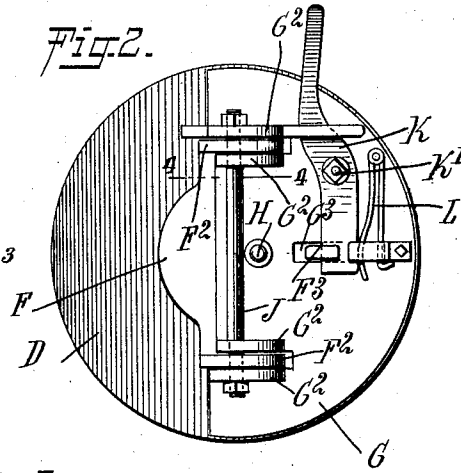


Fig. 3.

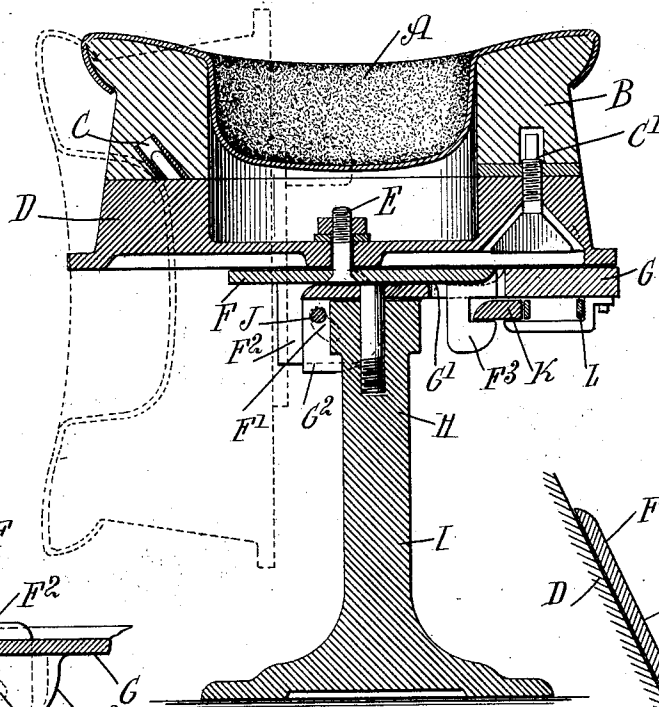


Fig. 4.

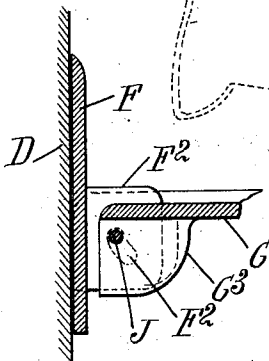
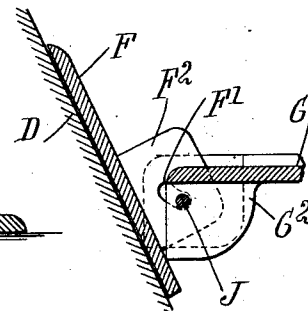


Fig. 5.



WITNESSES

William P. Goebel.
New York

INVENTOR

Thomas J. MacDonald

BY *Wm. Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

THOMAS JOSEPH MACDONALD, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO J. J. LOCKWOOD, OF YONKERS, NEW YORK.

HAT-FLANGING MACHINE.

1,049,885.

Specification of Letters Patent.

Patented Jan. 7, 1913.

Application filed April 3, 1912. Serial No. 688,270.

To all whom it may concern:

Be it known that I, THOMAS J. MACDONALD, a citizen of the United States, and a resident of the city of New York, borough
5 of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Hat-Flanging Machine, of which the following is a full, clear, and exact description.

10 The object of the invention is to provide a new and improved hat-flanging machine arranged to enable the operator to reach every part of the brim with a view to facilitate the setting and flanging thereof. For
15 the purpose mentioned the hat block is mounted to turn on the carrier adapted to be swung from a horizontal into an upright position or vice versa.

A practical embodiment of the invention
20 is represented in the accompanying drawings forming a part of this specification in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the hat-flanging
25 machine with a hat in position on the hat block; Fig. 2 is an inverted plan view of the same, the stand being omitted; Fig. 3 is an enlarged sectional side elevation of the same on the line 3—3 of Fig. 1; Fig. 4
30 is a sectional side elevation of the plate and hat block support in upright position; and Fig. 5 is a similar view of the same with the plate and hat block in inclined position.

The hat A to be set and flanged is placed
35 on the usual hat block B removably secured by suitable fastening devices C, C' to a carrier D provided with a central pivot E engaging a plate F and adapted to rest in a recess G' formed in the top of a support or
40 table G secured by a screw H or other means to the upper end of a suitable stand I. The support G is provided with depending flanges G² engaged by a transverse pivot J also engaging curved slots F' in lugs F²
45 depending from the plate F, so that the latter can be swung on the pivot J from a horizontal into an upright or an inclined position, as shown in Figs. 4 and 5, or swung
50 back again into a horizontal position, as illustrated in Figs. 1, 2 and 3.

In order to lock the plate F and the parts supported thereon, that is, the carrier D and the hat block B, in normal position, use is made of a keeper F³ depending from
55 the plate F and extending through an

opening G³ formed in the table G, and the said keeper F³ is adapted to be engaged by a locking lever K fulcrumed at K' on the under side of the table G, as plainly shown in Fig. 2. The handle of the lever
60 K projects slightly to one side of the table G so as to be within convenient reach of the operator to permit the latter to impart a swinging motion to the lever with a view
65 to disengage the same from the keeper F³ to allow of swinging the plate F and the parts supported thereon from a horizontal to an upright or to an inclined position as
70 above mentioned. The lever K is pressed on by a spring L held on the under side of the table G so that when the plate F is swung back into horizontal position the
keeper F³ engages the lever K to lock the plate F in horizontal position.

It is understood that the table G is ap-
75 proximately semicircular in form so as to permit of conveniently swinging the plate F and the parts supported thereon into an upright or an inclined position, as indicated in dotted lines in Fig. 3 and in full
80 lines in Figs. 4 and 5.

It will be noticed that the collar D and the hat block B fastened thereon can be readily turned on the pivot E as a center, whether the carrier D is in horizontal, up-
85 right or inclined position, so as to enable the operator to conveniently reach every part of the brim of the hat especially the under side of the brim, to facilitate the proper setting and flanging of the brim.
90 It will also be noticed that when the carrier D is in horizontal position the under side of the brim can be conveniently ironed the same as now generally practised but it is
95 understood that the main important feature of the invention is the arrangement by which the hat block can be moved into upright or inclined position, and turned so as to enable the operator to conveniently reach
100 the curled portion of the brim.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A hat-flanging machine, comprising a hat block, a carrier on which the said hat
105 block is removably secured, a plate on which the said carrier is mounted to turn, the plate having depending slotted lugs, a support provided with pivots engaging the said slotted lugs, and a fastening device on the
110

said support adapted to engage the said plate to lock the latter in horizontal position on the support.

2. A hat-flanging machine, comprising a
5 hat block, a carrier on which the said hat
block is removably secured, a plate on which
the said carrier is mounted to turn, the plate
having a depending keeper and depending
10 slotted lugs, a support provided with pivots
engaging the said slotted lugs, and a spring-
pressed lever on the said support adapted
to engage the said keeper to lock the said
plate when in horizontal position to the said
support.

15 3. A hat flanging-machine, comprising a
hat block, a carrier on which said hat block
is removably mounted, a plate on which the
carrier is mounted to turn, a stationary sup-
port on which the plate is pivotally mounted
20 to swing from a vertical to a horizontal po-
sition, said support being provided with an
aperture, a keeper depending from said
plate and adapted to project through said
aperture, and a spring-controlled lever
25 pivoted on the under side of said support
and adapted to engage said keeper.

4. A hat-flanging machine, comprising a
hat block, a substantially circular carrier on

which said hat block is removably mounted,
a substantially semi-circular supporting 30
table having a recessed upper face and an
aperture extending therethrough, a stand
upon which the said table is stationarily
mounted, a plate disposed within the recess
in the upper surface of said table and hav- 35
ing a keeper adapted to project downwardly
through the said table aperture, a central
pivot member carried by the said plate and
upon which the said carrier is mounted to
turn, said plate and said table being pro- 40
vided with depending lugs and transverse
pivots through the said lugs whereby the
former with the carrier and hat block, may
be swung from a horizontal to a vertical
position and vice versa, and a laterally 45
swinging lever pivoted upon the under sur-
face of said table and adapted to engage
the said plate lug when the latter projects
through the said table opening.

In testimony whereof I have signed my 50
name to this specification in the presence of
two subscribing witnesses.

THOMAS JOSEPH MacDONALD.

Witnesses:

CHRIS REICHENBACH,
HENRY HAHN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."